

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
9 September 2005 (09.09.2005)

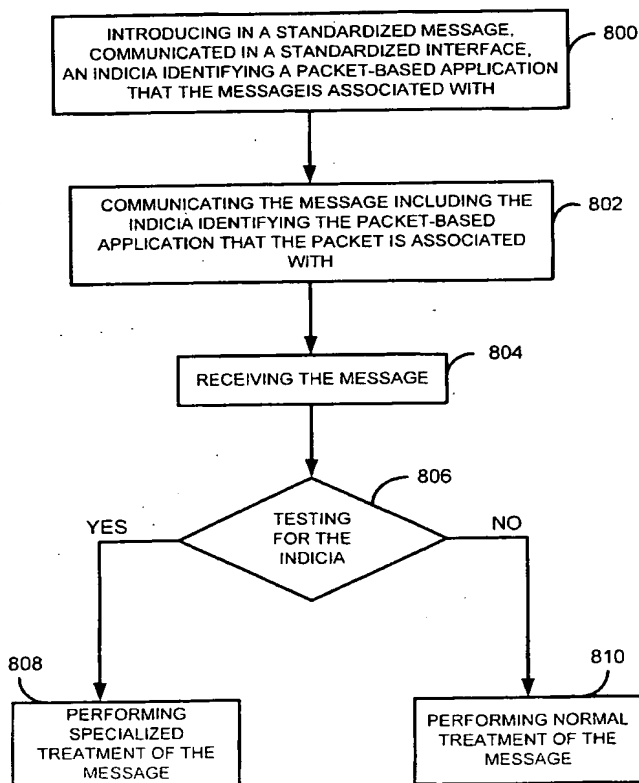
PCT

(10) International Publication Number
WO 2005/083904 A1

- (51) International Patent Classification?: **H04B 7/216**,
H04L 12/66
- (21) International Application Number:
PCT/US2005/005602
- (22) International Filing Date: 23 February 2005 (23.02.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/547,297 24 February 2004 (24.02.2004) US
- (71) Applicant (for all designated States except US): **NOR-
TEL NETWORKS LIMITED** [CA/CA]; 2351 BOULE-
VARD ALFRED-NOBEL, ST. LAURENT, Québec H4S
2A9 (CA).
- (72) Inventors; and
(75) Inventors/Applicants (for US only): **AKHTAR, Haseeb**
[US/US]; 3102 PAMELA PLACE, GARLAND, Texas
75044 (US). **CAPUTO, DAN** [CA/CA]; 36 HAMPTON
AVE, OTTAWA, Ontario K1Y 0N2 (CA). **BOLEN, Larry**
[US/US]; 14185 REDWOOD, CIRCLE SOUTH, MCKIN-
NEY, Texas 75071-6188 (US). **AHMAD, Azeem** [PK/US];
1328 WATERDOWN DR, ALLEN, Texas 75013 (US).
PROVOST, Curtis [US/US]; 3608 MCCREARY RD,
PARKER, Texas 75002 (US). **JACOB, Carole** [CA/CA];
451 KENSINGTON AVE, OTTAWA, Ontario K1Z 6H1
(CA). **WEISERT, James** [US/CA]; 35 CARMANGAY
CRES. NW, CALGARY, Alberta K1Z 6H1 (CA).
- (74) Agent: **MCCUTCHEON, Robert, D.**; Davis Munck P.C.,
900 Three Galleria Tower, 13155 Noel Road, Dallas, Texas
75240 (US).
- (81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR PROVIDING SPECIALIZED APPLICATIONS IN A NETWORK



(57) Abstract: In accordance with the teachings of the present invention, a method and apparatus is presented for identifying packet-based applications in a packet-based network. As such, the packet-based applications may receive specialized treatment.



CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

- (84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,

MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations
- of inventorship (Rule 4.17(iv)) for US only

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.